

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

John S. Sadowsky et al.

OFDM SYSTEM WITH PER SUBCARRIER PHASE ROTATION

Docket No.:

1000-0033

Serial No.: 10/815,097

Filed:

March 31, 2004

Due Date: N/A

Examiner:

Unknown

Group Art Unit: 2631

**MS** Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

X A return postcard and this transmittal document.

 $\overline{X}$  A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 3 cited

documents.

Customer Number: 45643

John C. Scott

Reg. No. 38,613 JCS/mjm

<u>CERTIFICATE UNDER 37 CFR 1.8:</u> The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this <u>3.1</u> day of August, 2005.

MEREDITH MESCHER

Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

blicant: John S. Sadowsky et al. Examiner:

Unknown

erial No.:

10/815,097

Group Art Unit:

March 31, 2004 Docket: 1000-0033

2631

Title:

OFDM SYSTEM WITH PER SUBCARRIER PHASE ROTATION

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 et. seq., the referenced materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(1) and 37 C.F.R. §1.97(e)(1), Applicants state that each item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Supplemental Information Disclosure Statement.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's belowsigned representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Serial No :10/815,097

Filing Date: March 31, 2004

Title: OFDM SYSTEM WITH PER SUBCARRIER PHASE ROTATION

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

JOHN S. SADOWSKY ET AL.

By their Representatives,

**CUSTOMER NUMBER: 45643** 

480-948-374

Date 8/30/03

John C. Scott

Keg. No. 38,613

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 31 day of August, 2005.

MEREDITH MESCHER

Signatur

PTO/SB/08A(08-03)
Approved for use through 07/31/2008. OMB 0651-0031
US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE
on of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO	Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	10/815,097	
	Filing Date	March 31, 2004	
(Use as many sheets as necessary)	First Named Inventor	Sadowsky, John	
SEP 0 2 2005 8	Group Art Unit	2631	
	Examiner Name	Unknown	
Sheet 1 of 1	Attorney Docket No: 10	000-0033	

US PATENT DOCUMENTS					
Examiner Initial *	Cite No. *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines,Where Relevant Passages or Relevant Figures Appear
		20020196734A1	12/26/2002	Tanaka, M., et al.	

		FO	REIGN PAT	TENT DOCUMENTS		
Examiner Initials*	Cite No. *	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code – Number – Kind Code (if known)				
		EP-1024635A1	08/02/2000	Mazzoni, S., et al.		
		EP-1396956A1	03/10/2004	Salzer, T.		
		WO-04013993A1	02/12/2004	Yuda, Y., et al.		

	0	THER DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or	T <sup>2</sup>
		country where published.	ŀ